

*A1*  
*Concl:*  
circuit 26 is outputted through a second terminal 26a to the CCD imager 14 and the timing generator

16. --

**IN THE CLAIMS:**

Please amend the claims as follows:

*Sub B1*  
1. (Amended) A power supply circuit, comprising:

a first circuit for generating a positive polarity voltage, said first circuit including a rectifying circuit and a capacitor;

a positive polarity voltage outputting terminal for outputting the positive polarity voltage from said first circuit;

*A2*  
*Out*  
a second circuit for generating a negative polarity voltage;

a negative polarity voltage outputting terminal for outputting the negative polarity voltage from said second circuit;

a ground terminal for providing a reference potential for both of said positive polarity voltage and said negative polarity voltage; and

a short circuit for short-circuiting substantially between said positive polarity voltage outputting terminal and said negative polarity voltage outputting terminal in response to a power-off signal, wherein residual charges of the capacitors pass said short circuit in turning a power off.

2. (Amended) A power supply circuit according to claim 1, wherein said short-circuit includes a series circuit having a switching element and a current-limiting element connected between said

positive polarity voltage outputting terminal and said negative polarity voltage outputting terminal.

3. (Amended) A power supply circuit according to claim 1, wherein said short circuit includes a switching element connected between said positive polarity voltage outputting terminal and said negative polarity voltage outputting terminal.

A2  
cont

sub  
p2

4. (Amended) A power supply circuit according to claim 1, wherein said first circuit includes a chopper circuit for generating a low first positive voltage, and a fly-back circuit for receiving the first positive voltage from the chopper circuit to generate a high second positive voltage,

said positive polarity voltage outputting terminal includes first and second output terminals for respectively outputting the first positive voltage and the second positive voltage, and further comprising:

a diode connected between said first and second output terminals in a forward direction from said first output terminal to said second output terminal.

sub  
c4

A3  
cont

7. (Amended) A camera, comprising:

a chopper circuit for generating a low first voltage;

a fly-back circuit for receiving the first voltage from said chopper circuit to generate a high second voltage,

first and second terminals for respectively outputting the first and second voltages;

a diode connected between said first terminal and said second terminal in a forward direction

from said first terminal to said second terminal; and

a CCD imager for receiving the positive polarity voltage and negative polarity voltage through said first terminal and said second terminal.

Please add the following new claim:

-- 8. (New) A power supply circuit, comprising:

a first circuit for generating a positive polarity voltage;

a first terminal for outputting the positive polarity voltage from said first circuit;

a second circuit for generating a negative polarity voltage;

a second terminal for outputting the negative polarity voltage from said second circuit; and

a short circuit for short-circuiting substantially between said first terminal and said second terminal in response to a power-off signal;

wherein said first circuit includes a chopper circuit for generating a low first positive voltage, and a fly-back circuit for receiving the first positive voltage from the chopper circuit to generate a high second positive voltage, and further comprising:

first and second output terminals for respectively outputting the first positive voltage and the second positive voltage; and

a diode connected between said first and second output terminals in a forward direction of from said first positive voltage output terminal to said second positive voltage output terminal. --